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*Hanczor, M.; Kumar, M.;*

Microwave Symposium Digest, 1993., IEEE MTT-S International , 14-18 June  
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[\[Abstract\]](#)   [\[PDF Full-Text \(304 KB\)\]](#)   **IEEE CNF**

#### 2 Application of preemphasis to achieve flat output OSNR in time-varying channels in cascaded EDFAs without equalization

*Menif, M.; Rusch, L.A.; Karasek, M.;*

Lightwave Technology, Journal of , Volume: 19 , Issue: 10 , Oct. 2001  
Pages:1440 - 1452

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#### 3 New generation low cost S band high power solid state transmitter air traffic control and naval applications radars

*Eudeline, P.; Perez, P.; Lemette, J.P.;*

Radar 97 (Conf. Publ. No. 449) , 14-16 Oct. 1997  
Pages:512 - 516

[\[Abstract\]](#)   [\[PDF Full-Text \(560 KB\)\]](#)   **IEEE CNF**

#### 4 Accurate noise characterization of wavelength converters based on SOAs

*de la Corte, M.M.; Elmirghani, J.M.H.;*

Lightwave Technology, Journal of , Volume: 21 , Issue: 1 , Jan. 2003  
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**5 12-kW S-band solid-state transmitter for modern radar systems***Hanczor, M.; Kumar, M.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 41 , Issue: 12 , Dec. 1993

Pages:2237 - 2242

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**6 Effectiveness of gain control in EDFAs against traffic with different of bursty behaviour***Karasek, M.; Bononi, A.; Rusch, L.A.; Menif, M.;*

Optoelectronics, IEE Proceedings- , Volume: 147 , Issue: 5 , Oct. 2000

Pages:355 - 362

[\[Abstract\]](#)   [\[PDF Full-Text \(676 KB\)\]](#)   IEE JNL

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**7 22-kW next generation low cost S-band solid state transmitter for surveillance and air traffic control radars***Kumar, M.; Hanczor, M.; Voigt, H.; Cambigianis, G.; Sachs, R.; Bonilla, C.;*

Microwave Symposium Digest, 1995., IEEE MTT-S International , 16-20 May

Pages:1601 - 1604 vol.3

[\[Abstract\]](#)   [\[PDF Full-Text \(432 KB\)\]](#)   IEEE CNF

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**8 Improved methods of assessing feedback in wide-band multiloop amplifiers***Maclean, D.;*

Circuits and Systems, IEEE Transactions on , Volume: 27 , Issue: 9 , Sep 198

Pages:779 - 792

[\[Abstract\]](#)   [\[PDF Full-Text \(1752 KB\)\]](#)   IEEE JNL

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**9 Use of active phased arrays for multiple-beam cellular communication systems***Zaghloul, A.I.; Kilic, O.;*

Radio Science Conference, 2002. (NRSC 2002). Proceedings of the Nineteenth National , 19-21 March 2002

Pages:1 - 12

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## 1 Numerical investigation on design of wide geographical optical-transmission networks based on n/spl times/40-Gb/s transmission

Matera, F.; Eramo, V.; Schiffrini, A.; Guglielmucci, M.; Settembre, M.;  
Lightwave Technology, Journal of , Volume: 21 , Issue: 2 , Feb. 2003  
Pages:456 - 465[\[Abstract\]](#) [\[PDF Full-Text \(550 KB\)\]](#) IEEE JNL

## 2 640 Gb/s bidirectional optical transmission by sharing optical amplifier and DCF

Younghun Joo; Gyuwoong Lee; Raekyoung Kim; Sekang Park; Sungjin Park;  
Kwanwoong Song; Kiuk Song; Sungtae Kim; Seongtaek Hwang; Yunje Oh;  
Lasers and Electro-Optics, 2002. CLEO '02. Technical Digest. Summaries of Papers Presented at the , 19-24 May 2002  
Pages:495 - 496 vol.1[\[Abstract\]](#) [\[PDF Full-Text \(355 KB\)\]](#) IEEE CNF

## 3 Bidirectional ULH Transmission of 160-Gb/s Full-Duplex Capacity Over 5000 km in a Fully Bidirectional Recirculating Loop

Garrett, L.D.; Eiselt, M.H.; Wiesenfeld, J.M.; Young, M.R.; Tkach, R.W.;  
Photonics Technology Letters, IEEE , Volume: 16 , Issue: 7 , July 2004  
Pages:1757 - 1759[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) IEEE JNL

## 4 Ultralong-haul transmission of 40-Gb/s RZ-DPSK in a 10/40 G hybrid system over 2500 km of NZ-DSF

Agarwal, A.; Banerjee, S.; Grosz, D.F.; Kung, A.P.; Maywar, D.N.; Wood, T.H.  
Photonics Technology Letters, IEEE , Volume: 15 , Issue: 12 , Dec. 2003



Pages:1779 - 1781

[[Abstract](#)] [[PDF Full-Text \(223 KB\)](#)] **IEEE JNL**

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**5 Transmission performance of transparent multi-wavelength optical cross-connected networks**

*Castanon, G.A.; Tonguz, O.K.; Bononi, A.;*

Computers and Communications, 1997. Proceedings., Second IEEE Symposium , 1-3 July 1997

Pages:323 - 329

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**6 Ultra-dense terabit capacity WDM transmission in L-band**

*Srivastava, A.K.; Radic, S.; Wolf, C.; Centanni, J.C.; Sulhoff, J.W.; Kantor, K Sun, Y.;*

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**7 Numerical investigation on wide geographical networks based on N times/ 40 Gb/s transmission**

*Matera, F.; Eramo, V.; Pizzinat, A.; Schiffini, A.; Guglielmucci, M.; Settembre*

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**8 Long distance digital subcarrier multiplexed lightwave systems**

*Way, W.I.;*

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**9 Study of the performance of a transparent and reconfigurable metropolitan area network**

*Madamopoulos, N.; Friedman, D.C.; Tomkos, I.; Boskovic, A.;*

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Pages:937 - 945

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**10 Impact of transmission impairments on the teletraffic performance wavelength-routed optical networks**

*Ramamurthy, B.; Datta, D.; Feng, H.; Heritage, J.P.; Mukherjee, B.;*

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**11 Interference wave performance of inter-vehicle communication an ranging system using spread spectrum technique**

*Shimazu, M.; Mizui, K.;*

Electrical and Computer Engineering, 2000 Canadian Conference on , Volume 2 , 7-10 March 2000

Pages:1052 - 1056 vol.2

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**12 Combined teletraffic/transmission performance of optical cross-connected networks using hybrid-store-and-forward**

*Castanon, G.A.; Tonguz, O.K.; Bononi, A.;*

Global Telecommunications Conference, 1997. GLOBECOM '97., IEEE , Volum 2 , 3-8 Nov. 1997

Pages:856 - 862 vol.2

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**13 Combined teletraffic-transmission analysis of a transparent space-division optical star network**

*Bononi, A.;*

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*Lunardi, L.M.; Feuer, M.D.; Chen, Y.; Singh, A.; Pavlik, R.; Gonzales, E.; Visc C.; Lumish, S.;*

Lasers and Electro-Optics Society, 2001. LEOS 2001. The 14th Annual Meetin the IEEE , Volume: 2 , 12-13 Nov. 2001

Pages:540 - 541 vol.2

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**15 National level fiber system application activities in China**

*Zhao Zi-Sen;*

Optical Fiber Communication Conference and Exhibit, 1998. OFC '98., Technic Digest , 22-27 Feb. 1998

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**16 Straight-line 4x2.5 gbit/s WDM transmission over 2600 km on a manufactured optically-amplified submarine cable system with 95 km repeater spacing**

*Simeonidou, D.; Taylor, N.H.; Chaudhry, M.S.; Jones, K.P.; Morkel, P.R.;*  
Towards Terabit Transmission, IEE Colloquium on , 19 May 1995  
Pages:17/1 - 17/5

[Abstract]   [PDF Full-Text (196 KB)]   **IEE CNF**

**17 An asymmetric bidirectional amplifier with all-optical gain control for randomly variable data traffic**

*Bo-Hun Choi; Chang-Joon Chae;*  
Photonics Technology Letters, IEEE , Volume: 16 , Issue: 1 , Jan. 2004  
Pages:287 - 289

[Abstract]   [PDF Full-Text (272 KB)]   **IEEE JNL**

**18 A bidirectional optical add-drop multiplexer with gain using multiple circulators, fiber Bragg gratings, and a single unidirectional optical amplifier**

*An Vu Tran; Chang-Joon Chae; Tucker, R.S.;*  
Photonics Technology Letters, IEEE , Volume: 15 , Issue: 7 , July 2003  
Pages:975 - 977

[Abstract]   [PDF Full-Text (276 KB)]   **IEEE JNL**

**19 BER performance of multiwavelength optical cross-connected network with deflection routing**

*Castanon, G.A.; Tonguz, O.K.; Bononi, A.;*  
Communications, IEE Proceedings- , Volume: 144 , Issue: 2 , April 1997



Pages:114 - 120

[Abstract] [PDF Full-Text (672 KB)] IEEE JNL

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20 **Lightwave transmission network in Taiwan**

*Wu-Jhy Chiu;*

Optical Fiber Communication. OFC 97., Conference on , 16-21 Feb. 1997

Pages:63 - 64

[Abstract] [PDF Full-Text (212 KB)] IEEE CNF

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21 **TDMA multiplexing of ATM cells in a residential access SuperPON**

*Angelopoulos, J.D.; Lepidas, N.I.; Fragoulopoulos, E.K.; Venieris, I.S.;*

Selected Areas in Communications, IEEE Journal on , Volume: 16 , Issue: 7 , 1998

Pages:1123 - 1133

[Abstract] [PDF Full-Text (160 KB)] IEEE JNL

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22 **Calculating the optimal optical ultra-long haul network**

*Sairam, K.V.S.S.S.S.; Gunasekaran, N.; Dattatreyan, C.;*

Potentials, IEEE , Volume: 22 , Issue: 3 , Aug.-Sept. 2003

Pages:40 - 41

[Abstract] [PDF Full-Text (235 KB)] IEEE JNL

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23 **Future photonic transport networks based on WDM technologies**

*Yoshimura, H.; Sato, K.-I.; Takachio, N.;*

Communications Magazine, IEEE , Volume: 37 , Issue: 2 , Feb. 1999

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[Abstract] [PDF Full-Text (1284 KB)] IEEE JNL

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24 **Advances in millimeter-wave subsystems in Japan**

*Kitazume, S.; Kondo, H.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 39 , Issue: 5 , May 1991

Pages:775 - 781

[Abstract] [PDF Full-Text (448 KB)] IEEE JNL

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25 **Noise analysis for optical fiber communication systems**

*Demir, A.;*

Computer Aided Design, 2003. ICCAD-2003. International Conference on , 9-Nov. 2003

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26 **Ultra-long haul DWDM for national networks**

*Tkach, R.W.;*

Advanced Semiconductor Lasers and Applications/Ultraviolet and Blue Lasers Their Applications/Ultralong Haul DWDM Transmission and Networking/WDM



Components, 2001 Digest of the LEOS Summer Topical Meetings , 30 July-1 / 2001  
Pages:1 pp.

[\[Abstract\]](#) [\[PDF Full-Text \(64 KB\)\]](#) [IEEE CNF](#)

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27 **Network architectures and requirements for widely tunable lasers**

*Jenkins, D.W.; Holmstrom, R.P.;*

Advanced Semiconductor Lasers and Applications/Ultraviolet and Blue Lasers  
Their Applications/Ultralong Haul DWDM Transmission and Networking/WDM  
Components, 2001 Digest of the LEOS Summer Topical Meetings , 30 July-1 / 2001

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28 **Multi-carrier 16QAM over a linearized TWTA**

*Katz, A.;*

Microwave Symposium Digest, 2001 IEEE MTT-S International , Volume: 2 , 2 May 2001

Pages:1145 - 1148 vol.2

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29 **Broadband 1.5  $\mu\text{m}$  emission of  $\text{Er}^{3+}$  ions in bismuth-based oxide gl. for WDM amplifier**

*Sugimoto, N.; Kuroiwa, Y.; Ito, S.; Tanabe, S.; Hanada, T.;*

Lasers and Electro-Optics Society 1999 12th Annual Meeting. LEOS '99.  
IEEE , Volume: 2 , 8-11 Nov. 1999

Pages:814 - 815 vol.2

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30 **Intermodulation and bit-error ratio performance of a Ku-band multibeam high-power phased array**

*Kohls, E.C.; Ekelman, E.P.; Zaghloul, A.I.; Assal, F.T.;*

Antennas and Propagation Society International Symposium, 1995. AP-S.  
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Pages:1404 - 1408 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) [IEEE CNF](#)

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31 **Transmission experiments carried out during the installation of TA**  
*Barnes, S.R.; Jeal, A.J.; Simeonidou, D.;*  
 Transoceanic Cable Communications - TAT 12 and 13 Herald a New Era , IEE  
 Colloquium on , 25 Mar 1996  
 Pages:7/1 - 7/4

[\[Abstract\]](#)   [\[PDF Full-Text \(192 KB\)\]](#)   **IEE CNF**

32 **32 /spl times/ 10 Gbit/s DWDM metropolitan network demonstrat**  
**with 10 waveband-ADMs and 155 km TeraLight/spl trade/ Metro fibe**  
*Noirie, L.; Dorgeuille, F.O.; Bisson, A.;*  
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 Pages:442 - 443

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33 **40 Gbit/s photoreceiver with DC-coupled output and operation wit**  
**bias-T**  
*Mekonnen, G.G.; Bach, H.-G.; Schlaak, W.; Steingruber, K.; Seeger, A.;*  
*Passenberg, W.; Ebert, W.; Jacumeit, G.; Eckhardt, T.; Ziegler, R.; Beling, A.*  
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 Pages:669 - 672

[\[Abstract\]](#)   [\[PDF Full-Text \(527 KB\)\]](#)   **IEEE CNF**

34 **Fast dynamics and power swings in doped-fiber amplifiers fed by h**  
**variable multimedia traffic**  
*Bononi, A.; Tancevski, L.; Rusch, L.A.;*



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35 **The design of a European optical network**  
*O'Mahoney, M.J.; Simeonidou, D.; Yu, A.; Zhou, J.;*  
Lightwave Technology, Journal of , Volume: 13 , Issue: 5 , May 1995  
Pages:817 - 828

[Abstract] [PDF Full-Text (1240 KB)] IEEE JNL

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36 **Constraint-based design of optical transmission systems**  
*Alicherry, M.; Nagesh, H.; Poosala, V.;*  
Lightwave Technology, Journal of , Volume: 21 , Issue: 11 , Nov. 2003  
Pages:2499 - 2510

[Abstract] [PDF Full-Text (714 KB)] IEEE JNL

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37 **Hybrid wavelength-division-multiplexing systems for high-capacity digital and analog video trunking applications**  
*Keang-Po Ho; Hongxing Dal; Chinlon Lin; Shien-Kuei Liaw; Gysel, H.; Mani Ramachandran;*  
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[Abstract] [PDF Full-Text (44 KB)] IEEE JNL

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38 **GLOBECOM '90: IEEE Global Telecommunications Conference and Exhibition. `Communications: Connecting the Future' (Cat. No.90CH24)**

Global Telecommunications Conference, 1990, and Exhibition. 'Communications Connecting the Future', GLOBECOM '90., IEEE , 2-5 Dec. 1990

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39 **Transmission enhancement by deployment of interferometric wavelength converters within all-optical cross connects**  
*Poulsen, H.N.; Mikkelsen, B.; Stubkjaer, K.E.;*  
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40 **All-optical remote gain switching in Er-doped fibre amplifiers**  
*Zirngibl, M.;*  
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Pages:1164 - 1166

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41 **Fiber-optic bus-oriented single-hop interconnections among multi-**



**transceiver stations***Birk, Y.;*

Lightwave Technology, Journal of , Volume: 9 , Issue: 12 , Dec. 1991

Pages:1657 - 1664

[\[Abstract\]](#) [\[PDF Full-Text \(764 KB\)\]](#) **IEEE JNL****42 Submerged WDM network implementation using all optical wavele routers***Simeonidou, D.; Sian, S.; Penticost, S.; Hazell, N.; Le Gourrierc, L.;*

WDM Technology and Applications (Digest No. 1997/036), IEE Colloquium on Feb. 1997

Pages:5/1 - 5/5

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) **IEE CNF****43 An Advanced Geostationary Communications Platform***Hawkes, T.; Clopp, W.; Lekan, J.;*

Selected Areas in Communications, IEEE Journal on , Volume: 5 , Issue: 4 , N 1987

Pages:749 - 758

[\[Abstract\]](#) [\[PDF Full-Text \(1080 KB\)\]](#) **IEEE JNL****44 Proceedings of the 2003 IEEE International Symposium on Circuits Systems (Cat. No.03CH37430)**

Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Symposium on , Volume: 2 , 25-28 May 2003

[\[Abstract\]](#) [\[PDF Full-Text \(3926 KB\)\]](#) **IEEE CNF****45 Use of active phased arrays for multiple-beam cellular communicat systems***Zaghloul, A.I.; Kilic, O.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(940 KB\)\]](#) **IEEE CNF**

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#### 46 Constraints on the design of 2-fiber bi-directional WDM rings with optical multiplexer section protection

*Pires, J.J.O.;*

Advanced Semiconductor Lasers and Applications/Ultraviolet and Blue Lasers Their Applications/Ultralong Haul DWDM Transmission and Networking/WDM Components, 2001 Digest of the LEOS Summer Topical Meetings , 30 July-1 / 2001

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<u>L24</u>	L23 and scheduler and calendar	2	<u>L24</u>
<u>L23</u>	amplif\$4 near traffic	55	<u>L23</u>
<u>L22</u>	amplif\$4 near traffic same parameters	2	<u>L22</u>
<u>L21</u>	amplif\$4 near traffic same parameters and factor	2	<u>L21</u>
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<u>L18</u>	L17 and control and scheduler	2	<u>L18</u>
<u>L17</u>	amplif\$4 near traffic	55	<u>L17</u>
<u>L16</u>	amplifier near traffic near parameters	0	<u>L16</u>
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<u>L15</u>	L14 and amplifier	0	<u>L15</u>
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<u>L20</u>	L19 and scheduler	2	<u>L20</u>
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<u>L18</u>	L17 and control and scheduler	2	<u>L18</u>
<u>L17</u>	amplif\$4 near traffic	55	<u>L17</u>
<u>L16</u>	amplifier near traffic near parameters	0	<u>L16</u>



<u>L15</u>	L14 and amplifier	0	<u>L15</u>
<u>L14</u>	L12 and factor and parameters	11	<u>L14</u>
<u>L13</u>	"traffic control system" and scheduler and calendar and queu\$5	48	<u>L13</u>
<u>L12</u>	L11 and queu\$5	32	<u>L12</u>
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<u>L10</u>	L7 and calendar	1	<u>L10</u>
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